Mountain Weather Forecast

North Grampian

Including North and West Cairngorms National Park, Monadhliath, Ben Alder, Creag Meagaidh, Loch Ericht and Loch Rannoch
Forecast valid from 00:00 on Thursday 29 Dec 2022 until 23:59 on Friday 30 Dec 2022

Forecast Issued on Wednesday 28 Dec 2022 at 14:28 by Met Office Aberdeen

Confidence: Medium at first, but low on Friday regarding snow levels. Low on Saturday.

Headline for Thursday 29 Dec 2022: Mainly cloudy with snow showers, falling as rain at lower levels during the day. Hill fog. Strong to gale westerly winds, occasional blizzard conditions.

Mountain weather hazards on Thursday 29 Dec 2022

Blizzards
Medium Likelihood

Heavy persistent snow
Medium Likelihood

Storm force winds
Low Likelihood

Gales
Low Likelihood

Severe chill effect
High Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Light snow	Light snow	Heavy snow	Heavy snow	Heavy snow	Light snow showers (night)	Partly cloudy (night)
Precipitation probability							
60%	50%	60%	60%	70%	70%	30%	20%

Forecast for Thursday 29 Dec 2022

Weather: Mainly cloudy with showers, mainly of snow above 600-700m and bringing blizzard conditions to the Munros at times. The showers most frequent in the west of the area, with some prolonged showers possible. The showers becoming more isolated in the evening but those that remain will be wintry to low levels.

Chance of cloud-free hill tops above 800m: 30% rising 60% in evening.

Low cloud and visibility: Broken to overcast cloud at 750-900m with patches to 600m in showers becoming well broken after dark. Visibility often poor due to snow and very poor where bilzzards develop, but good in drier weather below cloud.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 29 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	23/31 SW	33/44 W	32/42 W	26/36 SW	33/44 SW	33/46 W	35/48 W	33/46 SW	30/42 SW
900	23/28 SW	28/36 W	27/35 W	24/32 SW	31/40 SW	30/40 W	29/38 W	30/40 SW	29/38 SW
600	15/21 SW	21/29 SW	19/27 SW	16/24 SW	21/29 SW	21/31 W	19/29 W	20/31 SW	19/29 SW
300	5/15 SW	11/23 SW	10/23 SW	8/20 SW	10/21 SW	12/26 SW	9/22 SW	12/26 SW	10/24 SW
Glen	4/15 SW	5/21 W	5/22 W	4/18 SW	5/18 SW	6/23 SW	6/25 W	4/20 SW	5/21 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	-2/-10	-5/-14	-4/-14	-4/-12	-4/-13	-4/-14	-6/-17	-7/-17	-6/-16
900	0/-6	-2/-10	-1/-9	-1/-9	-1/-9	-2/-10	-3/-12	-4/-12	-3/-12
600	2/-3	0/-6	1/-6	1/-5	1/-6	0/-6	-1/-7	-1/-8	-1/-7
300	2/-0	2/-3	2/-2	2/-2	2/-2	2/-2	1/-3	0/-5	0/-4
Glen	3/0	2/-2	2/-2	1/-1	2/-1	3/-1	2/-2	0/-3	0/-4
Freezing Level*	1000m	600m	700m	700m	600m	700m	400m	300m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View
Despite less cold weather at low levels, expect full winter conditions on the mountains.

Forecast for Friday 30 Dec 2022
Weather: Outbreaks of snow arriving in early hours and lasting through the morning, heavy at times, snow to quite low levels at first but probably turning to rain up to about 600-750m later. Extensive hill fog. Blizzards. Then a somewhat drier afternoon with a few showers, snow above 700m. Snow showers falling to lower levels in the evening.

Maximum wind: South or southeasterly 40 gusts 60mph veering southwesterly 35 gusts 50mph by mid morning, slowly decreasing later in the day, then veering northwesterly and strengthening late evening.

Chance of cloud-free hill tops above 800m: 10% until late morning, improving 30% in afternoon.

Low cloud and visibility: Extensive cloud at 450-600m then occasionally broken and lifting 750-900m in the afternoon. Very poor visibility in cloud, heavy snow and blizzards, some improvements in afternoon away from cloud.

Temperature: **Glens:** Zero Celsius rising to Plus 3.
At 800m: Minus 3 Celsius rising to zero in the afternoon, then Minus 3 later in evening..
Freezing level: 400m lifting to 800m then falling 400m in evening.

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